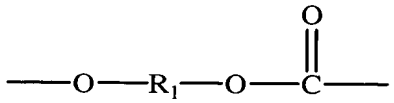
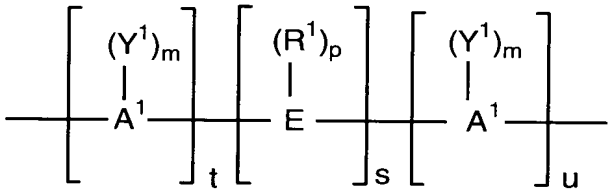
CLAIMS:

1. A stabilized thermoplastic resin composition comprising: structural units derived at least one substituted or unsubstituted polycarbonate, at least one substituted or unsubstituted polyester and a combination of at least two quenchers, wherein said quencher is selected from a group consisting of phosphorus compounds, carboxylic acid compounds, epoxy functioned polymers, polyols, and boron compounds.

2. The composition of claim 1, wherein said polycarbonate comprises repeating units of the formula:



wherein R_1 is a divalent aromatic radical derived from a dihydroxyaromatic compound of the formula HO–D–OH, wherein D has the structure of formula:



wherein A^1 represents an aromatic group; E comprises a sulfur-containing linkage, sulfide, sulfoxide, sulfone; a phosphorus-containing linkage, phosphinyl, phosphonyl; an ether linkage; a carbonyl group; a tertiary nitrogen group; a silicon-containing linkage; silane; siloxy; a cycloaliphatic group; cyclopentylidene, cyclohexylidene, 3,3,5-trimethylcyclohexylidene, methylcyclohexylidene, 2-[2.2.1]-bicycloheptylidene, neopentylidene, cyclopentadecylidene, cyclododecylidene, adamantylidene; an alkylene or alkylidene group, which group may optionally be part of one or more fused rings attached to one or more aromatic groups bearing one hydroxy substituent; an unsaturated alkylidene group; or two or more alkylene or alkylidene groups connected by a moiety different from alkylene or alkylidene and selected from the

group consisting of an aromatic linkage, a tertiary nitrogen linkage; an ether linkage; a carbonyl linkage; a silicon-containing linkage, silane, siloxy; a sulfur-containing linkage, sulfide, sulfoxide, sulfone; a phosphorus-containing linkage, phosphinyl, and phosphonyl;

R^1 independently at each occurrence comprises a mono-valent hydrocarbon group, alkenyl, allyl, alkyl, aryl, aralkyl, alkaryl, or cycloalkyl;

Y^1 independently at each occurrence is selected from the group consisting of an inorganic atom, a halogen; an inorganic group, a nitro group; an organic group, a monovalent hydrocarbon group, alkenyl, allyl, alkyl, aryl, aralkyl, alkaryl, cycloalkyl, and an alkoxy group;

the letter "m" represents any integer from and including zero through the number of replaceable hydrogens on A^1 available for substitution;

the letter "p" represents an integer from and including zero through the number of replaceable hydrogens on E available for substitution;

the letter "t" represents an integer equal to at least one;

the letter "s" represents an integer equal to either zero or one; and

"u" represents any integer including zero.

3. The composition of claim 2, wherein the dihydroxyaromatic compound from which D is derived is bisphenol A.

4. The composition of claim 1, wherein the polyester is derived from structural units comprising at least one substituted or unsubstituted aliphatic diols, or substituted or unsubstituted cycloaliphatic diol and at least one substituted or unsubstituted aromatic dicarboxylic acid or substituted or unsubstituted aliphatic dicarboxylic acid.

5. The composition of claim 1, wherein said polyester is at least one selected form a group consisting of poly(alkylene phthalate)s, poly(cycloalkylene phthalate)s,

poly(alkylene dicarboxylate)s, polyesteramide copolymers, copolyesters derived from structural units comprising at least one alkyl diol, or cycloaliphatic diols, and at least one aromatic acids, aliphatic acids and cycloaliphatic acids.

6. The composition of claim 1, wherein said polyester is at least one selected from a group consisting of poly(ethylene terephthalate), poly(butylene terephthalate), poly(propylene terephthalate), poly(cyclohexanedimethanol terephthalate), poly(cyclohexanedimethanol-terephthalic acid-ethylene glycol), poly(butylene-2,6-naphthalate), poly(ethylene-2,6-naphthalate), poly(butylene dicarboxylate) and combinations thereof.

7. The composition of claim 1, wherein said thermoplastic resin composition comprises structural units derived from polyester and polycarbonate in a range of about 90 to 10 percent by weight of polyester and 10 to 90 percent by weight of polycarbonate.

8. The composition of claim 1, wherein said thermoplastic resin composition comprises structural units derived from polyester and polycarbonate in a range of about 75 to 25 percent by weight of polyester and 25 to 75 percent by weight of polycarbonate.

9. The composition of claim 1, wherein said phosphorus compound is at least one selected from the group consisting of oxo acids, organo phosphates, acid phosphate metal salts, acid organo phosphites, diphosphites, esters of phosphoric acid, salts of phosphoric acids arylphosphonic acid, metal salts of phosphites.

10. The composition of claim 9, wherein said phosphorus compound is at least one selected from the group consisting of phosphorus oxo acids, esters of phosphoric acid, salts of phosphoric acids and arylphosphonic acid.

11. The composition of claim 1, wherein said boron compound is boric acid.

12. The composition of claim 1, wherein said polyol is of the formula

$$R^{16}\text{——}(OH)_r$$

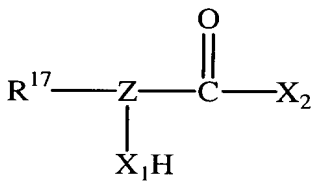
wherein, R^{16} is at least one selected from a group consisting of substituted or unsubstituted aliphatic moiety, a substituted or unsubstituted aliphatic-aromatic moiety having from 2 to 20 carbon atoms and r is a positive integer having a value of from 2 up to the number of replaceable hydrogen atoms present on R^5.

13. The composition of claim 12, wherein said polyol is an acyclic aliphatic polyhydric alkanol.

14. The composition of claim 12, wherein said polyol is hexahydric alcohol.

15. The composition of claim 12, wherein said polyol is at least one selected form the group consisting of mannitol, butanediol, cyclohexane dimethanol, 1,3-propanediol glycerol, 1,2-pentanediol, 1,3,5-cyclohexanetriol, sorbitol, inositol and combinations thereof.

16. The composition of claim 1, wherein said carboxylic acid is of the formula



wherein X_1 is 0 or NH; X_2 is OR^{18} when X_1 is NH and X_2 is OR^{18} or NHR^{18} when X_1 is 0; Z is CH or a substituted or unsubstituted aromatic carbocyclic radical; R^{17} is hydrogen or a substituted or unsubstituted hydrocarbon-based radical; R^{18} is selected from a group consisting of hydrogen, alkyl, aryl, radicals having up to 10 carbon atoms.

17. The composition of claim 16, wherein said carboxylic acid derivative is at least one selected from a group consisting of alkyl salicylate, aryl salicylate, salicylamide, glycine, mailc acid, mandelic acid, dibutyl tartrate and combinations thereof.

18. The composition of claim 1, wherein said epoxy functional polymers comprise of at least one epoxy-functional alkyl acrylic monomer and at least one functional or non-functional styrenic and /or alkyl acrylic monomer.

19. The composition of claim 18, wherein said epoxy functional polymers is an epoxy-functional styrene (meth)acrylic copolymers comprises at least one epoxy functional (meth)acrylic monomer and at least one non-functional styrenic and/or (meth)acrylic monomer.

20. The composition of claim 1, wherein said thermoplastic resin composition has a yellowness index of less than about 10.

21. The composition of claim 1, wherein said optically clear resin composition transmits about greater than 85 percent light in the region of about 250 nm to about 300 nm.

22. The composition of claim 1, wherein said optically clear resin composition has a haze value about less than 15.

23. The composition of claim 1, wherein said composition may optionally comprise additional components, said additional components is selected from a group consisting of anti-oxidants, flame retardants, reinforcing materials, colorants, mold release agents, fillers, nucleating agents, UV light stabilizers, heat stabilizers, lubricants, and combinations thereof.

24. An article comprising the composition of claim 1.

25. A process to prepare a stabilized thermoplastic resin composition comprising: structural units derived at least one substituted or unsubstituted polycarbonate, at least one substituted or unsubstituted polyester and a combination of at least two quenchers, wherein said quencher is selected from a group consisting of phosphorus compound, carboxylic acid, derivates of carboxylic acids, epoxy functioned polymers and boron compound wherein said process comprises the steps of:

    a. melting said polycarbonate and polyester to form a molten mixture;
    b. extruding said molten mixture in an extruder to form an extrudate; and
    c. molding said extrudate.

26. The process according to claim 25, further comprising the step of pelletizing the extrudate.

27. The process according to claim 25, wherein said melting is carried out at in temperature range between about 225 °C and about 300 °C.

28. The process according to claim 25, wherein said extruding is carried out at a temperature range between about 200 °C and about 250 °C.

29. The process according to claim 25, wherein said melting may optionally be carried out in presence of a catalyst.

30. The process according to claim 25, wherein said catalyst is at least one selected from the group consisting of alkali metal and alkaline earth metal salts of aromatic dicarboxylic acids, alkali metal and alkaline earth metal salts of aliphatic dicarboxylic acids, Lewis acids, metal oxides, their coordination complexes and mixtures thereof.

31. A stabilized thermoplastic resin composition comprising: structural units derived at least one substituted or unsubstituted polycarbonate, at least one substituted or unsubstituted polyester, an epoxy functional polymers and a combination of at least one quenchers, wherein said quencher is selected from a group consisting of phosphorus compounds, carboxylic acid compounds, polyols, and boron compounds.

32. The composition of claim 31, wherein said epoxy functional polymers comprise of at least one epoxy-functional alkyl acrylic monomer and at least one functional or non-functional styrenic and /or alkyl acrylic monomer.

33. The composition of claim 31, wherein said epoxy functional polymers is an epoxy-functional styrene (meth)acrylic copolymers comprises at least one epoxy functional (meth)acrylic monomer and at least one non-functional styrenic and/or (meth)acrylic monomer.

34. An article made from the composition of claim 31.